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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="padding: 2px;">Attorney Docket No.</td><td style="padding: 2px;">CTS-2351</td></tr><tr><td style="padding: 2px;">First Inventor</td><td style="padding: 2px;">Robert Rainey</td></tr><tr><td style="padding: 2px;">Title</td><td style="padding: 2px;">Seat Weight Sensor</td></tr><tr><td style="padding: 2px;">Express Mail Label No.</td><td style="padding: 2px;">EU290798723US</td></tr></table>	Attorney Docket No.	CTS-2351	First Inventor	Robert Rainey	Title	Seat Weight Sensor	Express Mail Label No.	EU290798723US	22254 U.S. PTO 10/667760																											
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<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450																																				
<table style="width: 100%; border: none;"><tr><td style="width: 50%; vertical-align: top; border: none;"><div style="border: 1px solid black; padding: 2px;">1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></div><div style="border: 1px solid black; padding: 2px;">2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</div><div style="border: 1px solid black; padding: 2px;">3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages <u>31</u>]</span> <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul></div><div style="border: 1px solid black; padding: 2px;">4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets <u>9</u>]</span></div><div style="border: 1px solid black; padding: 2px;">5. Oath or Declaration <span style="float: right;">[Total Sheets <u>2</u>]</span><div style="border: none; padding-left: 10px;"><div style="border: 1px solid black; padding: 2px;">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</div><div style="border: 1px solid black; padding: 2px;">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small></div><div style="border: 1px solid black; padding: 2px;">i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></div></div></div><div style="border: 1px solid black; padding: 2px;">6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div></td><td style="width: 50%; vertical-align: top; border: none;"><div style="border: 1px solid black; padding: 2px;">7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</div><div style="border: 1px solid black; padding: 2px;">8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small><div style="border: none; padding-left: 10px;"><div style="border: 1px solid black; padding: 2px;">a. <input type="checkbox"/> Computer Readable Form (CRF)</div><div style="border: 1px solid black; padding: 2px;">b. Specification Sequence Listing on:<div style="border: none; padding-left: 10px;"><div style="border: 1px solid black; padding: 2px;">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</div><div style="border: 1px solid black; padding: 2px;">ii. <input type="checkbox"/> Paper</div><div style="border: 1px solid black; padding: 2px;">c. <input type="checkbox"/> Statements verifying identity of above copies</div></div></div></div></div></td></tr></table>				<div style="border: 1px solid black; padding: 2px;">1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></div> <div style="border: 1px solid black; padding: 2px;">2. <input type="checkbox"/> Applicant claims small entity status. 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<b>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:</b> <div style="display: flex; justify-content: space-between; align-items: flex-start;"><div style="width: 60%;"><input type="checkbox"/> Continuation    <input type="checkbox"/> Divisional    <input type="checkbox"/> Continuation-in-part (CIP)</div><div style="width: 35%; text-align: right;">of prior application No.: .....</div></div> <div style="border: 1px solid black; padding: 2px; font-size: x-small;">Prior application information:      Examiner:      Art Unit: .....</div> <div style="border: 1px solid black; padding: 2px; font-size: x-small;">For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</div>																																						
<b>19. CORRESPONDENCE ADDRESS</b> <div style="border: 1px solid black; padding: 2px; display: flex; align-items: center;"><input checked="" type="checkbox"/> Customer Number: <span style="border: 1px solid black; padding: 0 20px;">29184</span>    OR    <input type="checkbox"/> Correspondence address below</div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"><tr><td style="width: 20%;">Name</td><td colspan="3">Mark P. Bourgeois</td></tr><tr><td rowspan="2">Address</td><td colspan="3">CTS Corporation</td></tr><tr><td colspan="3">905 West Boulevard North</td></tr><tr><td>City</td><td>Elkahr</td><td>State</td><td>IN</td></tr><tr><td>Country</td><td>U.S.A.</td><td>Telephone</td><td>574/293-7511</td></tr><tr><td></td><td></td><td>Fax</td><td>574/294-6151</td></tr><tr><td>Name (Print/Type)</td><td colspan="2">Mark P. Bourgeois</td><td>Registration No. (Attorney/Agent)</td></tr><tr><td>Signature</td><td colspan="2"></td><td>Date</td></tr><tr><td></td><td colspan="2"></td><td>09/22/2003</td></tr></table>				Name	Mark P. Bourgeois			Address	CTS Corporation			905 West Boulevard North			City	Elkahr	State	IN	Country	U.S.A.	Telephone	574/293-7511			Fax	574/294-6151	Name (Print/Type)	Mark P. Bourgeois		Registration No. (Attorney/Agent)	Signature			Date				09/22/2003
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This collection of information is required by 37 CFR 1.53(b). The information(s) required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 1,444.00

## Complete if Known

Application Number Herewith  
Filing Date 09/22/2003  
First Named Inventor Robert R. Rainey  
Examiner Name  
Art Unit  
Attorney Docket No. CTS-2351

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 03-1677  
Deposit Account Name CTS Corporation

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ ) 750

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
47	-20** = 27	18	486
Independent Claims	5	-3** = 2	168
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 654

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 40

## SUBMITTED BY

Name (Print/Type) Mark P. Bourgeois Registration No. 37,782 Telephone 574/293-7511  
Signature Date 09/22/2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Date of Deposit: September 22, 2003

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Vickie Newman

(Typed or Printed Name of Person Mailing Paper or Fee)

A handwritten signature in cursive script, appearing to read "Vickie Newman", is written over a horizontal line.

(Signature of Person Mailing Paper or Fee)

COMMISSIONER FOR PATENTS  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 22, 2003

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Robert R. Rainey

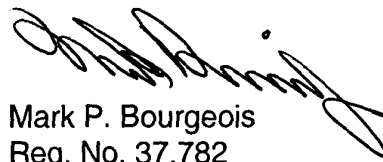
Title: "Vehicle Seat Weight Sensor"

Enclosed are:

- 1) Certificate of Express Mail (Express # EU290798723US)
- 2) Transmittal Letter
- 3) PTO/SB/17 Fee Transmittal (2 copies)
- 4) PTO/SB/05 Utility Patent Application Transmittal
- 5) Application, including Spec, claims and abstract (31 sheets)
- 6) Formal Drawings (9 sheets)
- 7) Declaration, Power of Attorney & Petition (2 sheets)
- 8) PTO-1595 Recordation Form Cover Sheet (2 copies)
- 9) Assignment (2 sheets)
- 10) IDS Cover sheet
- 11) PTO-1449 IDS
- 12) Cited Foreign and Non-Patent References (8)
- 13) Postcard Mailing Receipt

Respectfully submitted,

CTS CORPORATION



Mark P. Bourgeois  
Reg. No. 37,782

Enclosures